



**Cal OES**  
GOVERNOR'S OFFICE  
OF EMERGENCY SERVICES

# California OES Atmospheric River Event Weather Threat Briefing

21 February 2017  
10:00 AM PST

**Day 1: Rivers, creeks, and streams will continue to run very high with areas of flooding.**

**National Weather Service**  
*Western Region Headquarters  
Regional Operations Center  
Salt Lake City, UT*



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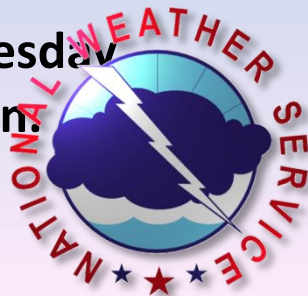
# Key Impacts

**Precipitation:** Precipitation will continue today before tapering off this evening. Rockslides and mudslides are still possible along mountain slopes and steep grades. Snow levels have fallen to 3500 feet with moderate snowfall expected over the Sierra today. Travel will be exceptionally difficult through mid-week.

**Winds:** Strong and gusty winds will continue in areas today and Wednesday. Winds will be capable of downing trees and powerlines, blowing debris, causing widespread and potentially prolonged power outages. Downed trees and powerlines could block roads and make travel difficult.

**Flooding:** The additional precipitation will lead to increased stress on levees, rivers, creeks and streams. Significant additional inflow to reservoirs, streams and mainstem rivers expected through midweek.

**Outlook:** A much needed break with drier weather will start Wednesday. Temperatures will remain cool with a few light showers off/on again. Next significant storm to impact CA will arrive Sunday/Monday.



# California OES Impact Threat Matrix

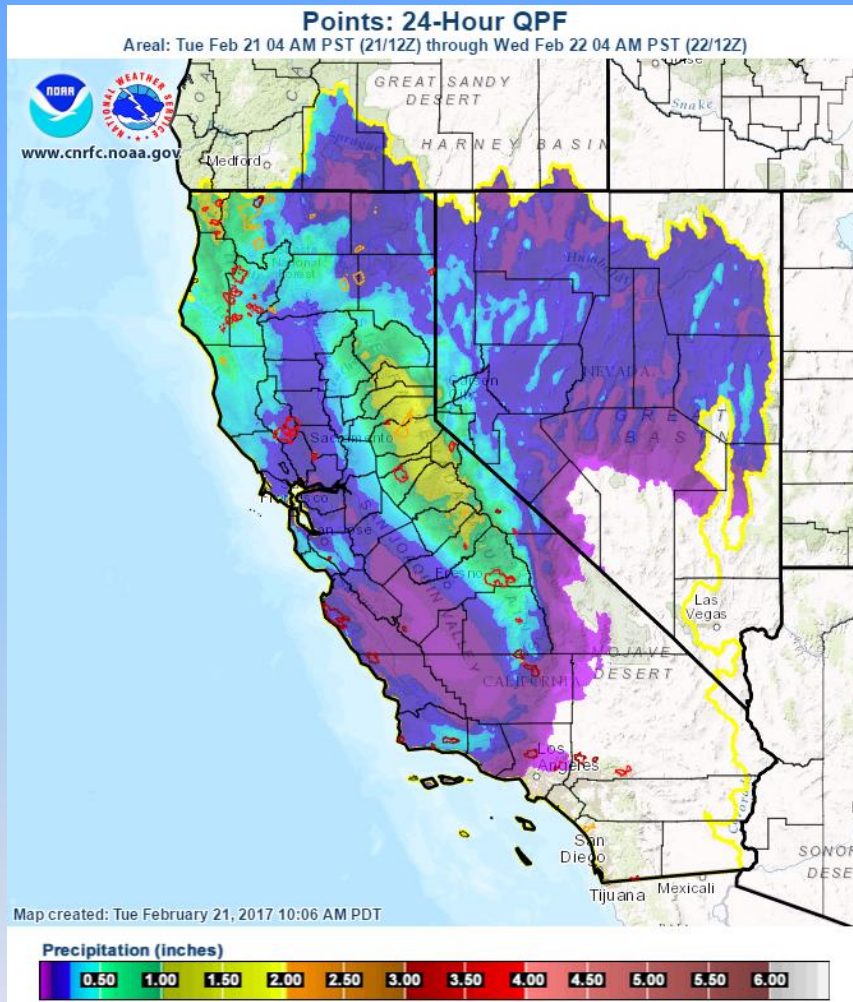
Feb 21, 2017 – Feb 27, 2017

DAY/THREAT	TUE	WED	THU	FRI	SAT	SUN	MON
Freezing Rain							
Winds							
Snow							
Heavy Rain/ Flash Flooding							
Debris Flows/Mud Slides							
River Flooding							

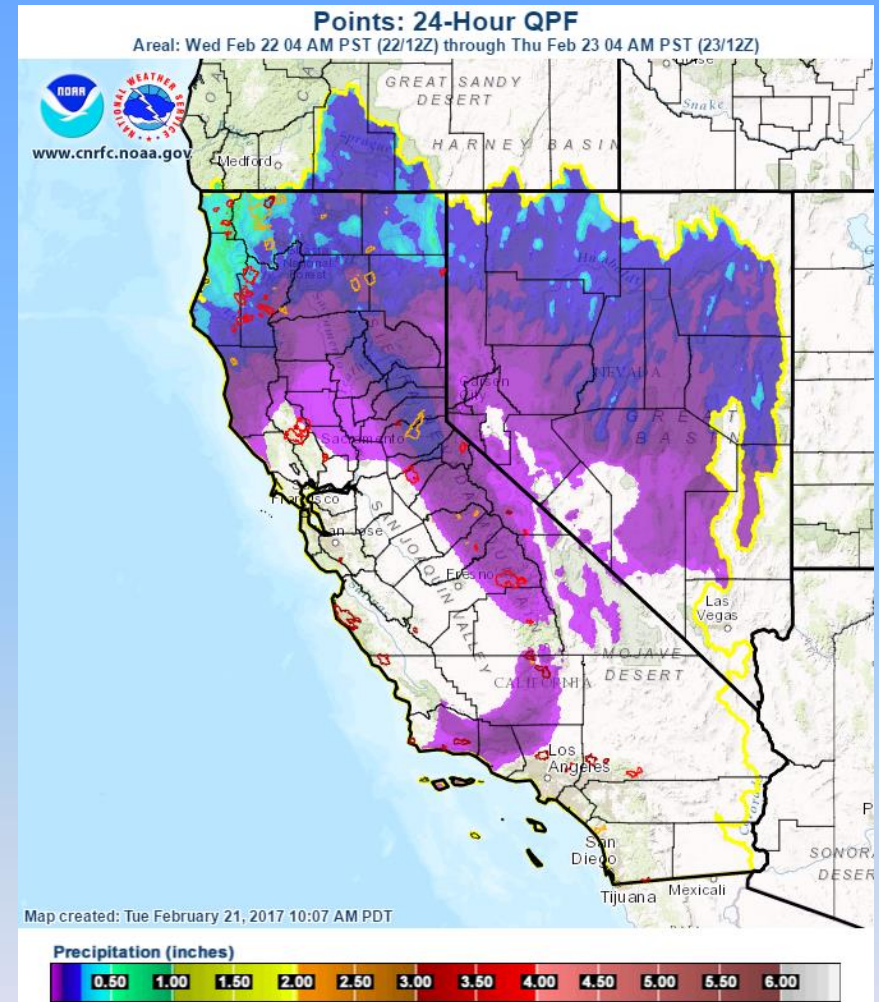
	High Threat
	Moderate Threat
	Slight Threat
	No Discernible Threat



# Days 1-2 Precipitation Forecast



Today

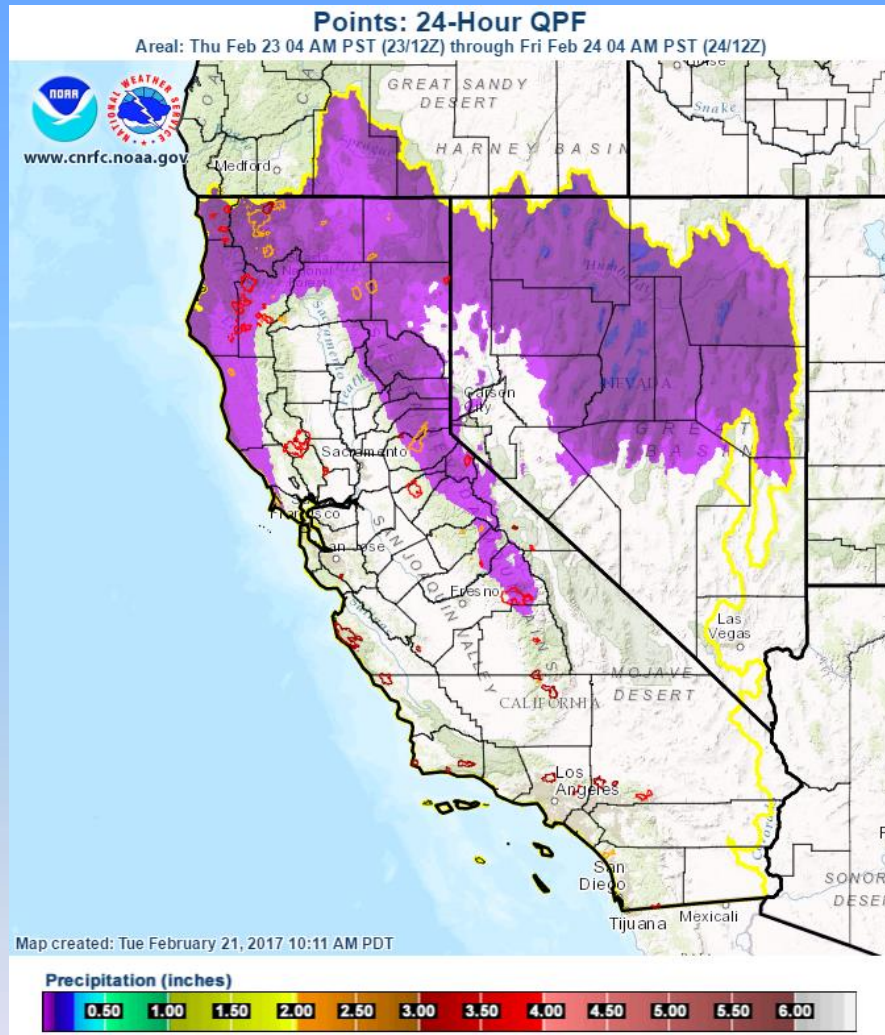


Wednesday

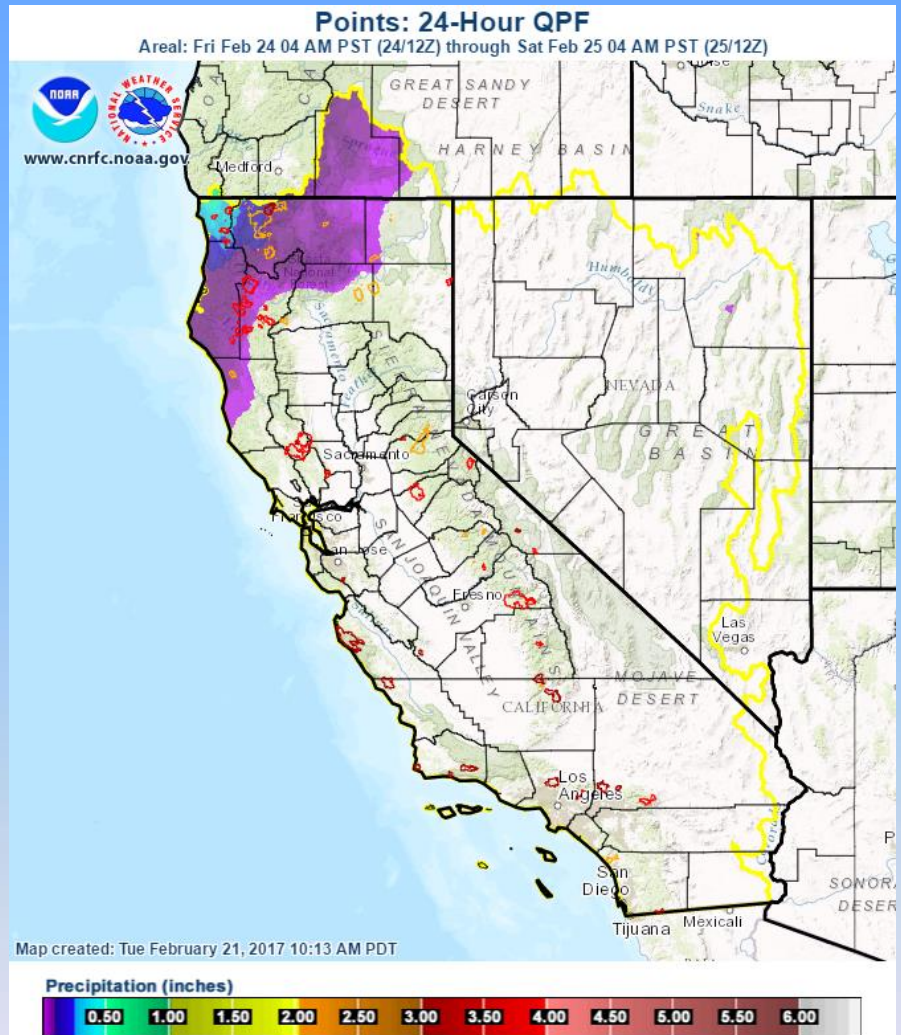




# Days 3-4 Precipitation Forecast



Thursday

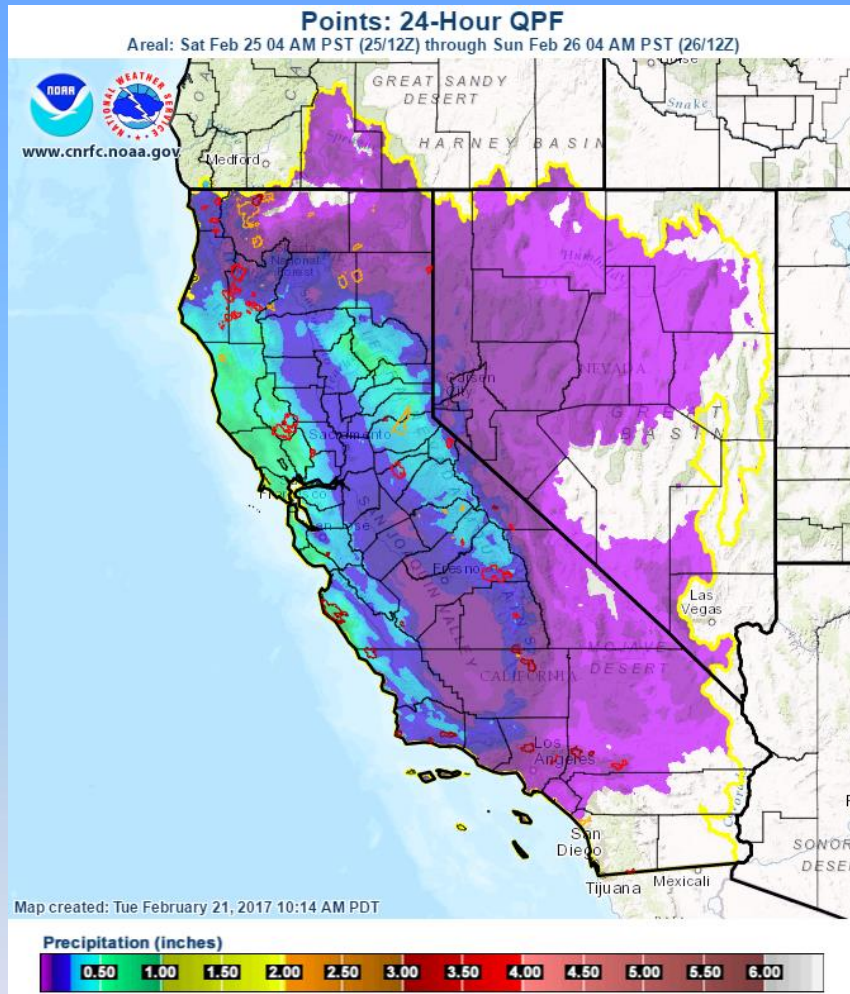


Friday

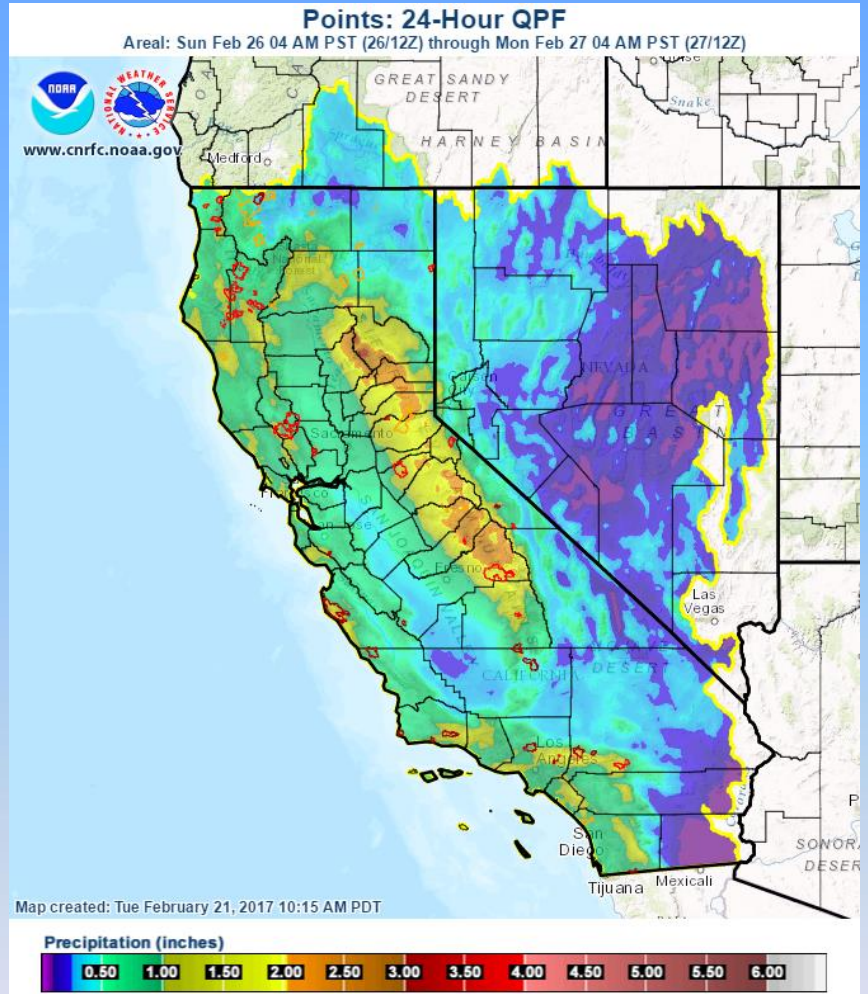




# Days 5-6 Precipitation Forecast



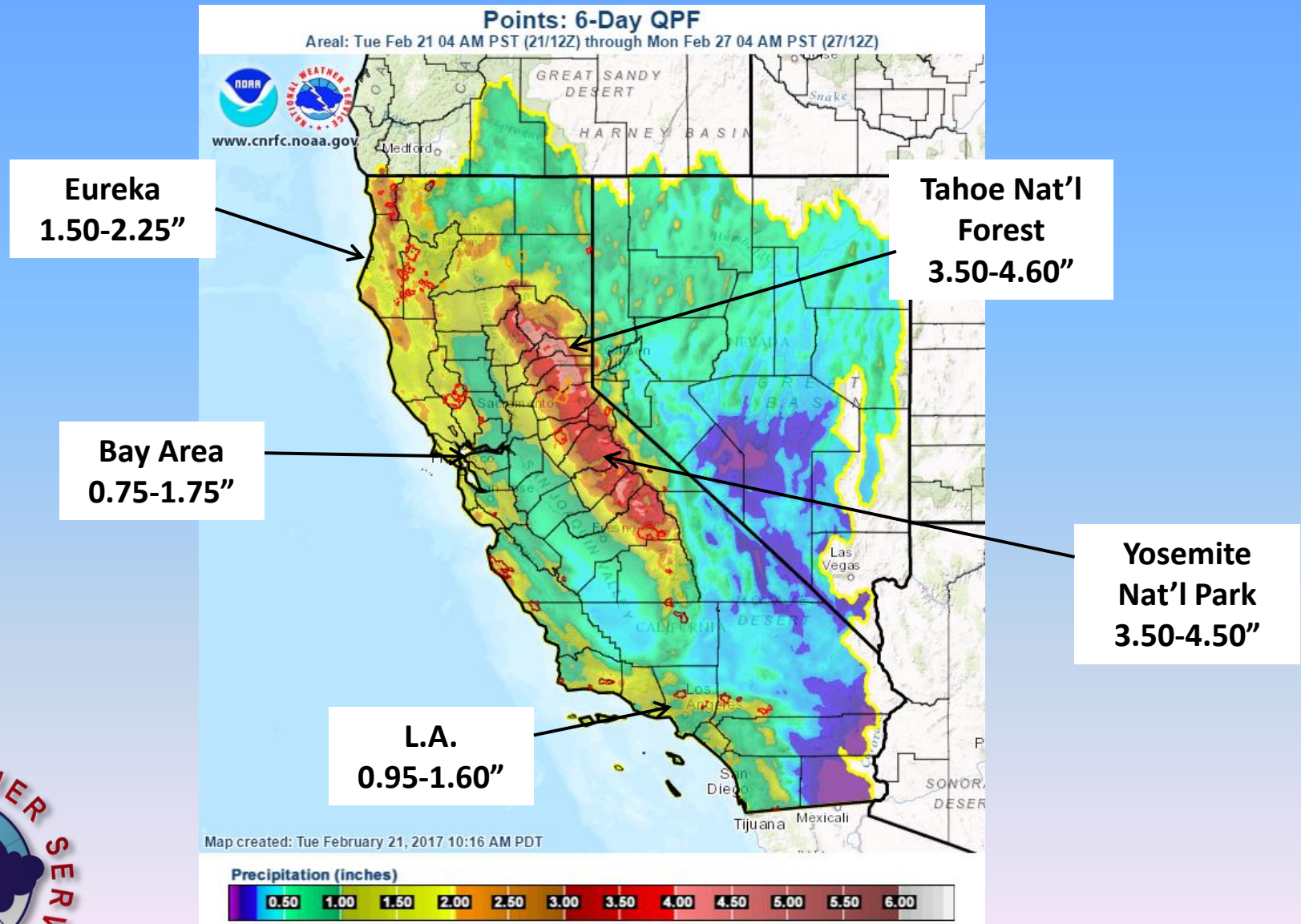
**Saturday**



**Sunday**



# 6 Day Precipitation Forecast

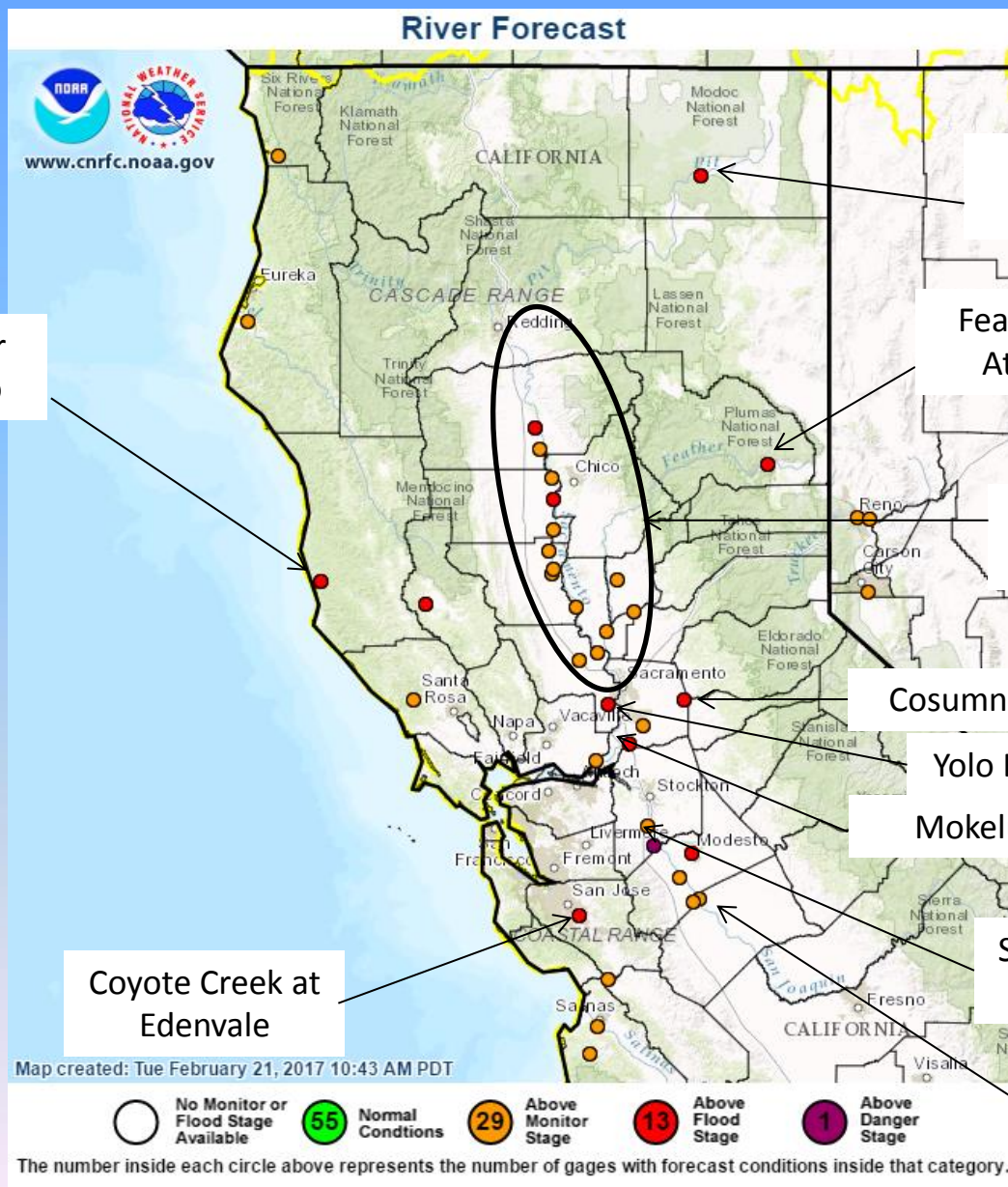


**Valid Tuesday, February 21, 2017 – Monday, February 27, 2017.**





# River Forecasts



Navarro River  
near Navarro

Pit River at  
Canby

Feather River  
At Portola

Sacramento  
River

Cosumnes River at Michigan Bar

Yolo Bypass

Mokelumne River

San Joaquin  
River

Tuolumne  
River

Coyote Creek at  
Edenvale



# River Forecasts

**Pit River at Canby** – Forecast to reach 9 feet late tonight/early Wednesday with moderate flooding in southwest Modoc and northwest Lassen counties.

**Sacramento River – Many points expected to remain in minor flooding today.** Varying impacts:

<http://water.weather.gov/ahps2/forecasts.php?wfo=sto>

**Middle Fork Feather River Near Portola, CA – Cresting at 10.2 ft early Wednesday. Similar flooding as January 9-10, 2017, but not nearly as high as what was experienced in early February 2017.** Estimated impacts at 10 feet are moderate flooding of lowlands, structures and roads from Beckwourth to Sloat, CA, including Portola. Sleepy Pines Motel and other low structures along river in Portola flood. Evacuation of homes on south end of West Street likely to begin. Sewage ponds in Portola may exceed capacity and may need to release to river. River near foundation of Veterans Hall in Portola, CA. Highway 89 near Clio flooded. About 6450 cfs. Like flood of March 27, 1971.

**Cosumnes River at Michigan Bar – Forecast to remain in minor flood stage today, with a crest of 12 feet.** Estimated impacts are water flowing over road near Wilton.

**Tuolumne River - Modesto– Forecast to remain in Minor Flood into next week, with a crest at 60 . At 60 feet, water will remain in the river with no impacts to Modesto.**

**San Joaquin River at Vernalis – Forecast to remain at Minor Flood Stage and continue increasing to 31 ft by Friday Night.** Impacts at 26 feet include: Severe seepage occurs outside the levees. The area covered by seepage will increase as the river stage rises.

**Mokelumne River at Benson's Ferry – Forecast to reach minor flood stage Wednesday morning with a crest of 17.1 ft Wednesday.** Impacts at 17.25 ft estimated to be just to some local farm roads closing and flooded low lying areas along the river.

**Yolo Bypass – Forecast to continue at minor flood stage through this week with a crest of 23.2 ft Wednesday.**

**Coyote Creek – South Bay potentially could reach record levels .** Currently forecast to reach 12.8 ft at Edenvale which would create moderate flooding can in homes and businesses along Coyote Creek south of Interstate 880. The Southern Pacific railroad tracks near Old Oakland Road north of US Highway 101 will become inundated. Homes near Needles Drive and Rock Springs Drive are expected to flood. Homes and businesses near Williams and 17th Streets, along with East Williams and East San Fernando Streets will experience flooding. Low-lying areas in Kelly and Watson Parks will become flooded.

Information provided by:

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